

IN THE CLAIMS:

Please cancel claims 21-25 without prejudice.

Please replace pending claims 1, 2 and 12 with amended claims 1, 2 and 12 as follows:

- Sh  
B1  
A
- q1 1. (Once Amended) A method of determining a relative position and orientation between a base camera and a non-base camera, comprising:
- measuring a path of an object with the base camera in a base coordinate frame;
  - measuring the object path with the non-base camera in a non-base coordinate frame;
  - calculating transformation parameters based on the object path;
  - applying the transformation parameters to the object path measured by the non-base camera such that the object path measured by the non-base camera is expressed in the base coordinate frame.
2. (Once Amended) The method of claim 1, wherein the object path is a path of a person moving around a scene.

- Sh  
B1  
A
- q2 12. (Once Amended) A method of measuring a relative pose between two cameras, comprising:
- selecting a time offset value corresponding to a time shift between the two cameras; and
  - calculating a transformation parameter using the time offset value, the transformation parameter capable of transforming data in a coordinate frame of one of the two cameras into a coordinate frame of the other of the two cameras so as to obtain the relative pose.